## **WEST Search History for Application 10558541**

Creation Date: 2011090913:57

Query	DB	Op.	Plur.	Thes.	Date
sol gel or solgel	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		04-21-2011
(sol gel or solgel ) and surfactant with (remov\$ or decompos\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		04-21-2011
(sol gel or solgel and surfactant with (remov\$ or decompos\$) ) and (528/32.ccls. or 528/30.ccls. or 528/38.ccls.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		04-21-2011
(sol gel or solgel and surfactant with (remov\$ or decompos\$) and (528/32.ccls. or 528/30.ccls. or 528/38.ccls.) ) and (scaffold\$ or monolith\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		04-21-2011
6471761.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		04-21-2011
6471761.pn. and (coat\$ or separat\$ or capillary or chromatograph\$ or membrane or plate or vessel)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES		04-21-2011
		ADJ	YES		04-21-2011

6471761.pn. and (use\$ or separat\$ or capillary or chromatograph\$ or membrane or plate or vessel)	PGPB, USPT, USOC, EPAB, JPAB, DWPI			
6471761.pn. and (vinyl or acrylate or methacrlate or divinyl\$ or methacrylamide or itaconate or fumarate or styryl)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES	04-21-2011
(6471761 or 6913832).pn. and (vinyl or acrylate or methacrlate or divinyl\$ or methacrylamide or itaconate or fumarate or styryl)	USPT	ADJ	YES	04-21-2011
(6471761 or 6913832).pn. and (capping or surface modif\$ or surface)	USPT	ADJ	YES	04-21-2011
(6471761 or 6913832).pn. and (capping or surface modif\$ or surface or hydrophob\$)	USPT	ADJ	YES	04-21-2011
(sol gel or solgel ) and (\$vinyl\$silane or \$vinyl\$silanes)	USPT	ADJ	YES	04-21-2011
(sol gel or solgel and (\$vinyl\$silane or \$vinyl\$silanes) )	USPT	ADJ	YES	04-21-2011
(sol gel or solgel and (\$vinyl\$silane or \$vinyl\$silanes) ) and (surface modifi\$)	USPT	ADJ	YES	04-21-2011
(sol gel or solgel and (\$vinyl\$silane or \$vinyl\$silanes) and (surface modifi\$) ) and (separation device)	USPT	ADJ	YES	04-21-2011
(sol gel or solgel and (\$vinyl\$silane or \$vinyl\$silanes) and (surface modifi\$) ) and (capillary)	USPT	ADJ	YES	04-21-2011
(sol gel or solgel and (\$vinyl\$silane or \$vinyl\$silanes) and (surface modifi\$) and (capillary) ) not (sol gel or solgel and (\$vinyl\$silane or \$vinyl\$silanes) and (surface modifi\$) and (separation device) )	USPT	ADJ	YES	04-21-2011
(sol gel or solgel and (\$vinyl\$silane or \$vinyl\$silanes) ) and (sol gel or solgel and surfactant with (remov\$ or decompos\$) )	USPT	ADJ	YES	04-21-2011
(sol gel or solgel and (\$vinyl\$silane or \$vinyl\$silanes) and sol gel or solgel and surfactant with (remov\$ or decompos\$) ) not (sol gel or solgel and (\$vinyl\$silane or \$vinyl\$silanes) and (surface modifi\$) and (capillary) not sol gel or solgel and (\$vinyl\$silane or \$vinyl\$silanes) and (surface modifi\$) and (separation device) )	USPT	ADJ	YES	04-21-2011
		ADJ	YES	09-09-2011

(5895794 or 5650474 or 20020070168 or 200030021730 or 6680013).pn.	PGPB, USPT			
(5895794 or 5650474 or 20020070168 or 20030021730 or 6680013).pn.	PGPB, USPT	ADJ	YES	09-09-2011
(triton x 45 or triton x 100) with hlb	USPT	ADJ	YES	09-09-2011
(triton x 45) with hlb	USPT	ADJ	YES	09-09-2011
20020070168 and tetramethoxysilane	PGPB	ADJ	YES	09-09-2011
20010033931	PGPB	ADJ	YES	09-09-2011
20010033931 and (styrene or styrenic or vinyl or methacrylate or acrylate or alkyne or fumarate or divinylbenzene)	PGPB	ADJ	YES	09-09-2011
(6680013).pn. and (methacrylate or methacryloxy\$ or acrylate or acryloxy\$)	PGPB	ADJ	YES	09-09-2011
(6680013).pn. and vinyl	PGPB	ADJ	YES	09-09-2011
(6680013).pn.	PGPB	ADJ	YES	09-09-2011
(6680013).pn. and (methacrylate or methacryloxy\$ or acrylate or acryloxy\$)	USPT	ADJ	YES	09-09-2011
(scaffold\$ or template or surface active or surfactant or decompos\$) with (pores or porous or pore)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES	09-09-2011
((scaffold\$ or template or surface active or surfactant or decompos\$) with (pores or porous or pore) ) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES	09-09-2011
((scaffold\$ or template or surface active or surfactant or decompos\$) with (pores or porous or pore) ) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) with (\$acryloxy\$silane)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES	09-09-2011
(porous or pore or pores) with (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) with (\$acryloxy\$silane)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES	09-09-2011

((porous or pore or pores) with (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) with (\$acryloxy\$silane) ) not ((scaffold\$ or template or surface active or surfactant or decompos\$) with (pores or porous or pore) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES	09-09-2011
(porous or pore or pores) same (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) with (\$acryloxy\$silane)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES	09-09-2011
((porous or pore or pores) same (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) with (\$acryloxy\$silane) ) not ((scaffold\$ or template or surface active or surfactant or decompos\$) with (pores or porous or pore) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) with (\$acryloxy\$silane) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES	09-09-2011
(surfactant or polyethylene oxide or polyoxyalkylene or polyoxyethylene or poe or surfact active or emulsifier) same (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) with (\$acryloxy\$silane)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES	09-09-2011
((surfactant or polyethylene oxide or polyoxyalkylene or polyoxyethylene or poe or surfact active or emulsifier) same (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) with (\$acryloxy\$silane) ) not ((scaffold\$ or template or surface active or surfactant or decompos\$) with (pores or porous or pore) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES	09-09-2011
((surfactant or polyethylene oxide or polyoxyalkylene or polyoxyethylene or poe or surfact active or emulsifier) same (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) with (\$acryloxy\$silane) not (scaffold\$ or template or surface active or surfactant or decompos\$) with (pores or porous or pore) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) with (\$acryloxy\$silane) ) not ((porous or pore or pores) same (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES	09-09-2011

inorganic with organic with hybrid same (pores or pore or porous)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES	09-09-2011
((surfactant or polyethylene oxide or polyoxyalkylene or polyoxyethylene or poe or surfact active or emulsifier) same (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) with (\$acryloxy\$silane) not (scaffold\$ or template or surface active or surfactant or decompos\$) with (pores or porous or pore) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) with (\$acryloxy\$silane) ) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) with (\$acryloxy\$silane)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES	09-09-2011
((surfactant or polyethylene oxide or polyoxyalkylene or polyoxyethylene or poe or surfact active or emulsifier) same (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) with (\$acryloxy\$silane) not (scaffold\$ or template or surface active or surfactant or decompos\$) with (pores or porous or pore) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) with (\$acryloxy\$silane) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) with (\$acryloxy\$silane) ) not ((surfactant or polyethylene oxide or polyoxyalkylene or polyoxyethylene or poe or surfact active or emulsifier) same (teos or tetraalkoxysilane or tetraethoxysilane or tetraethoxysilane or tetraethoxysilane)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES	09-09-2011
(inorganic with organic with hybrid same (pores or pore or porous) ) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) with (\$acryloxy\$silane)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES	09-09-2011
6680013	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ	YES	09-09-2011